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A-01053 FIGS. 1-34B

FIG. 1

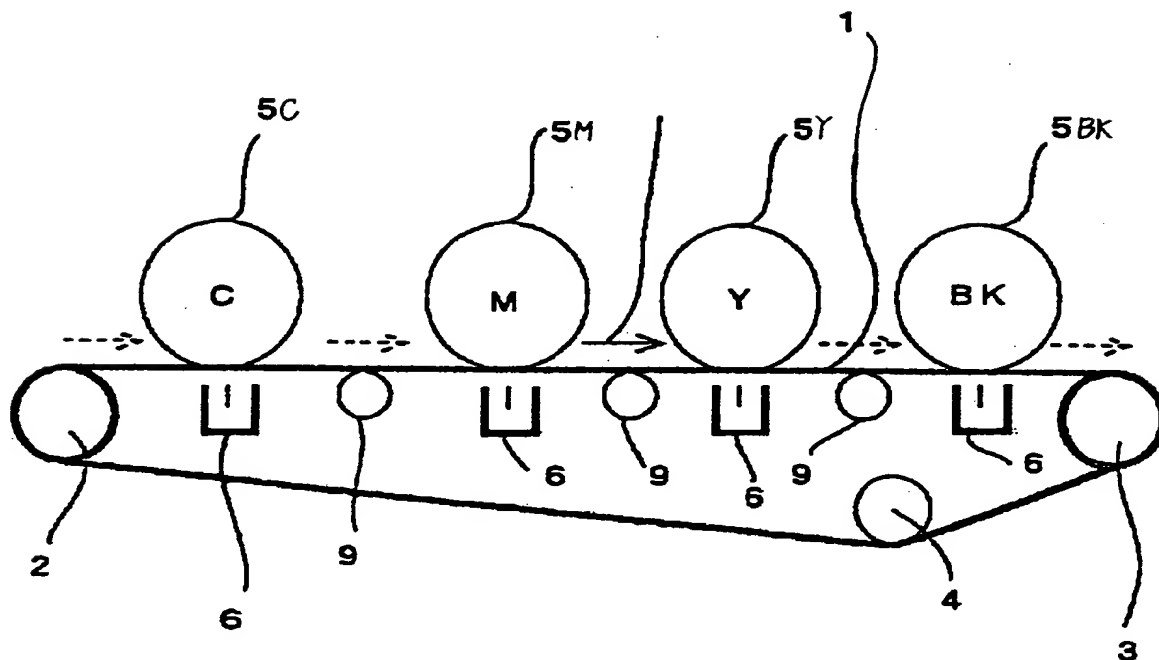


FIG. 2

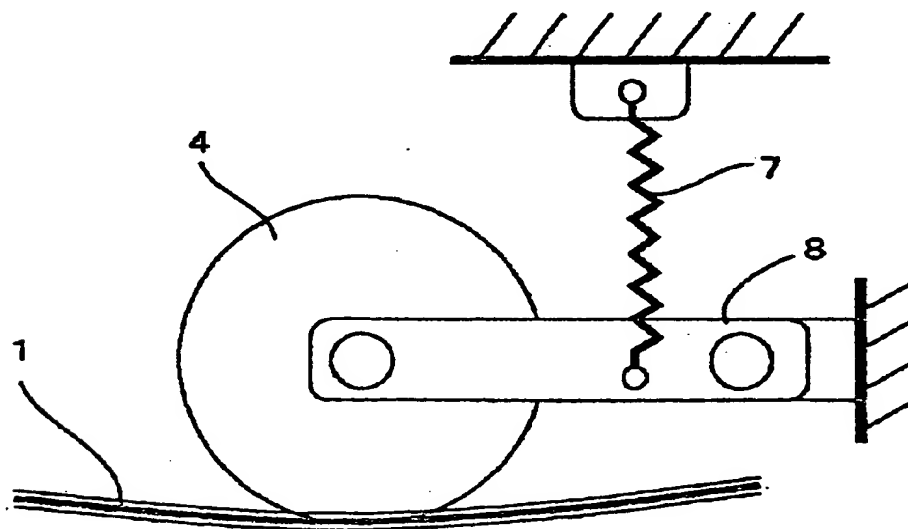


FIG. 3

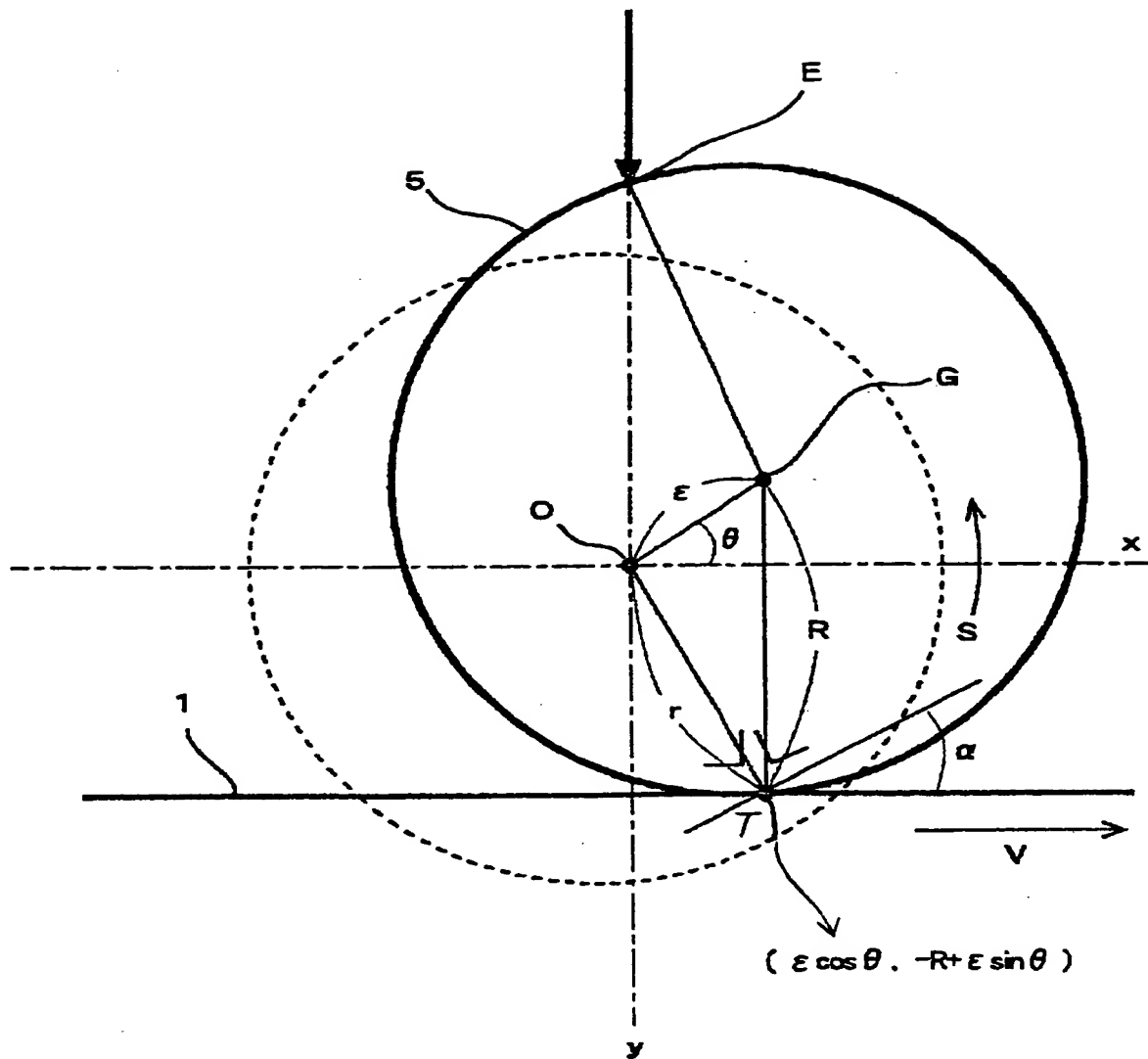
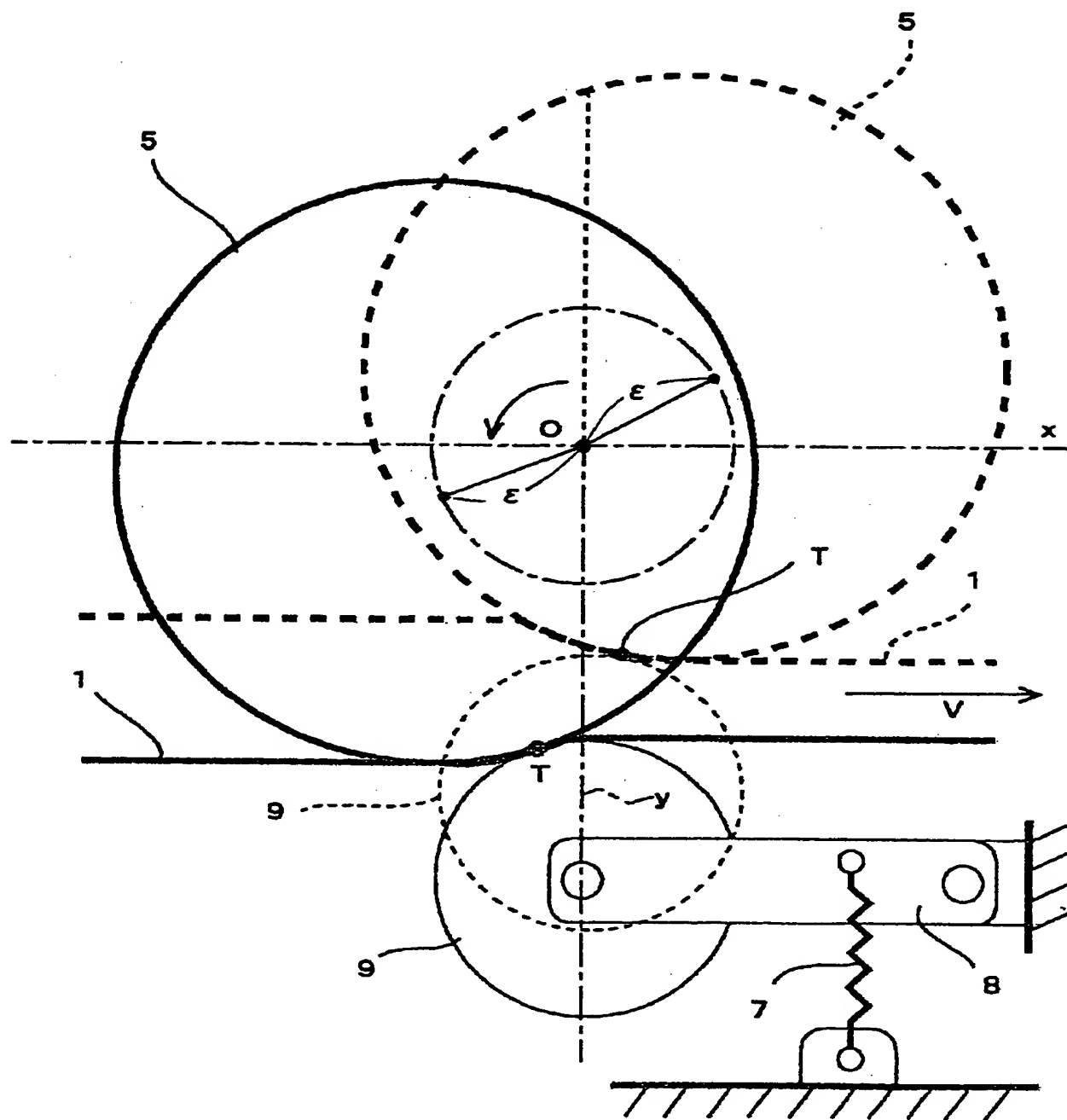


FIG. 3

FIG. 4 PRIOR ART



09985741.1.10501

Figure 1 is a schematic diagram of a mechanical system. It shows a large circle representing a rotating body, labeled 5. The body is in contact with a horizontal surface at point T. A vertical line represents the axis of rotation, passing through the center of mass G. The distance from the center of mass G to the contact point T is labeled R. The angle between the vertical axis and the line connecting the center of mass G to the contact point T is labeled θ . The velocity of the contact point T is labeled V, with an arrow indicating the direction of motion. The contact point T is labeled with coordinates $(\epsilon \cos \theta, -R + \epsilon \sin \theta)$. The diagram also shows a dashed circle representing the path of the contact point T, and a solid circle representing the path of the center of mass G. The angle between the vertical axis and the line connecting the center of mass G to the contact point T is labeled θ_t . The distance from the center of mass G to the contact point T is labeled e. The diagram also shows a dashed line representing the path of the contact point T, and a solid line representing the path of the center of mass G. The angle between the vertical axis and the line connecting the center of mass G to the contact point T is labeled θ . The distance from the center of mass G to the contact point T is labeled R. The velocity of the contact point T is labeled V, with an arrow indicating the direction of motion. The contact point T is labeled with coordinates $(\epsilon \cos \theta, -R + \epsilon \sin \theta)$.

[illegible]

FIG. 8

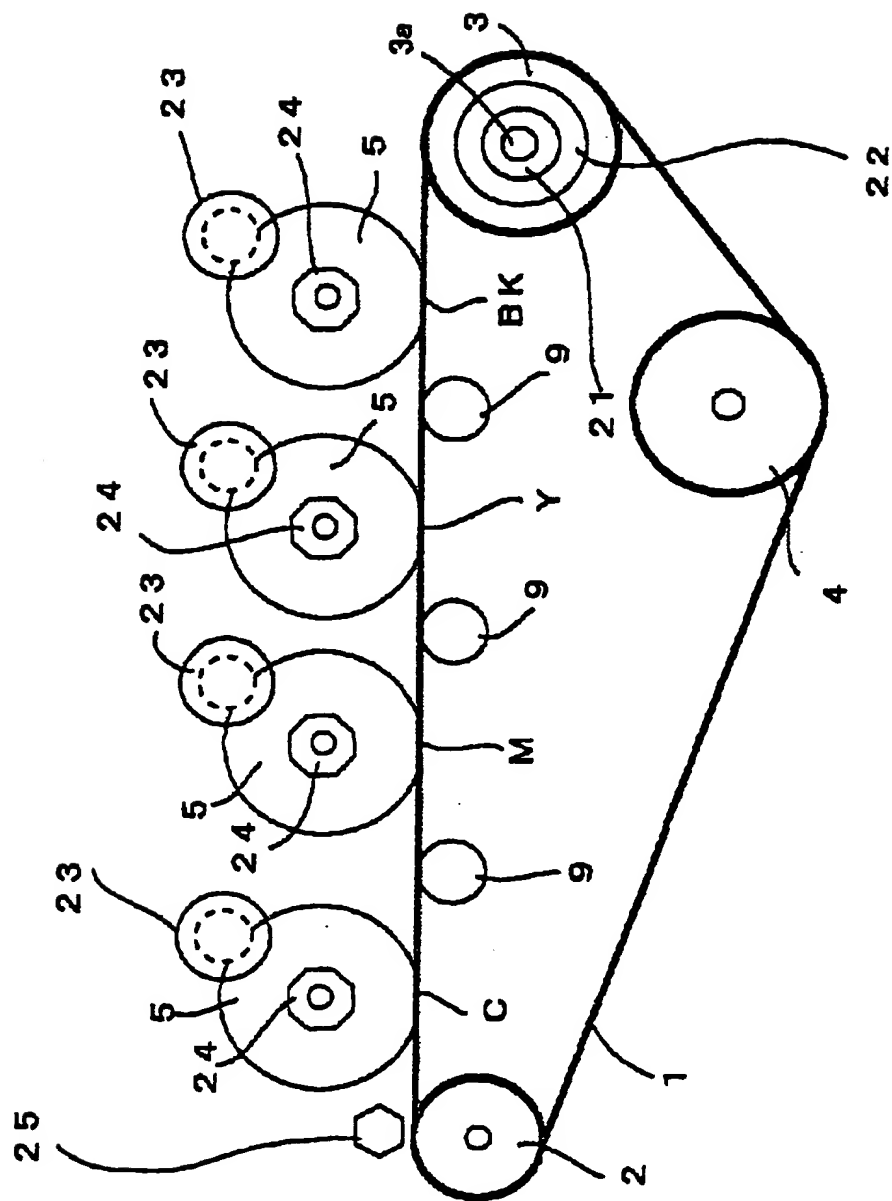
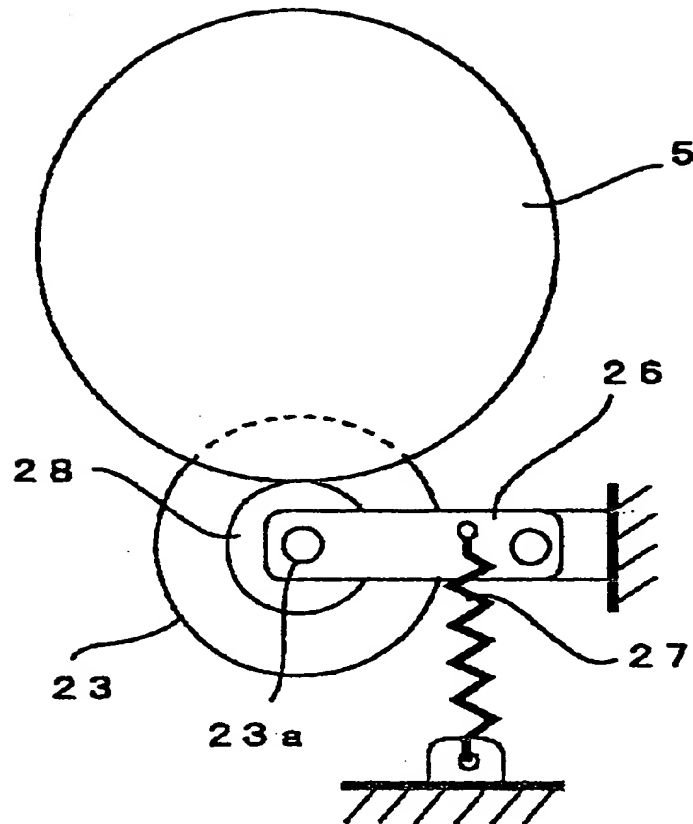


FIG. 9



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FIG. 10

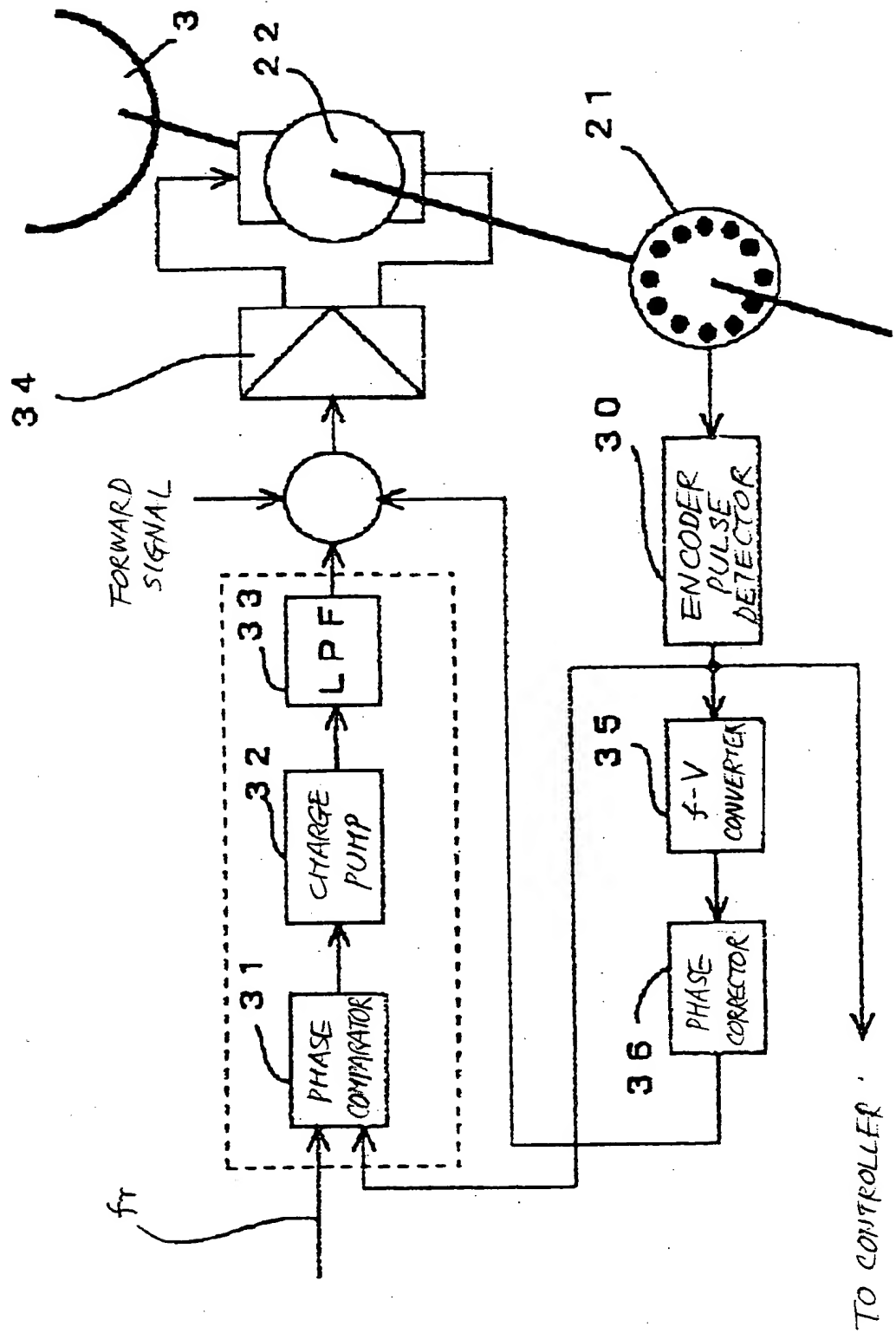
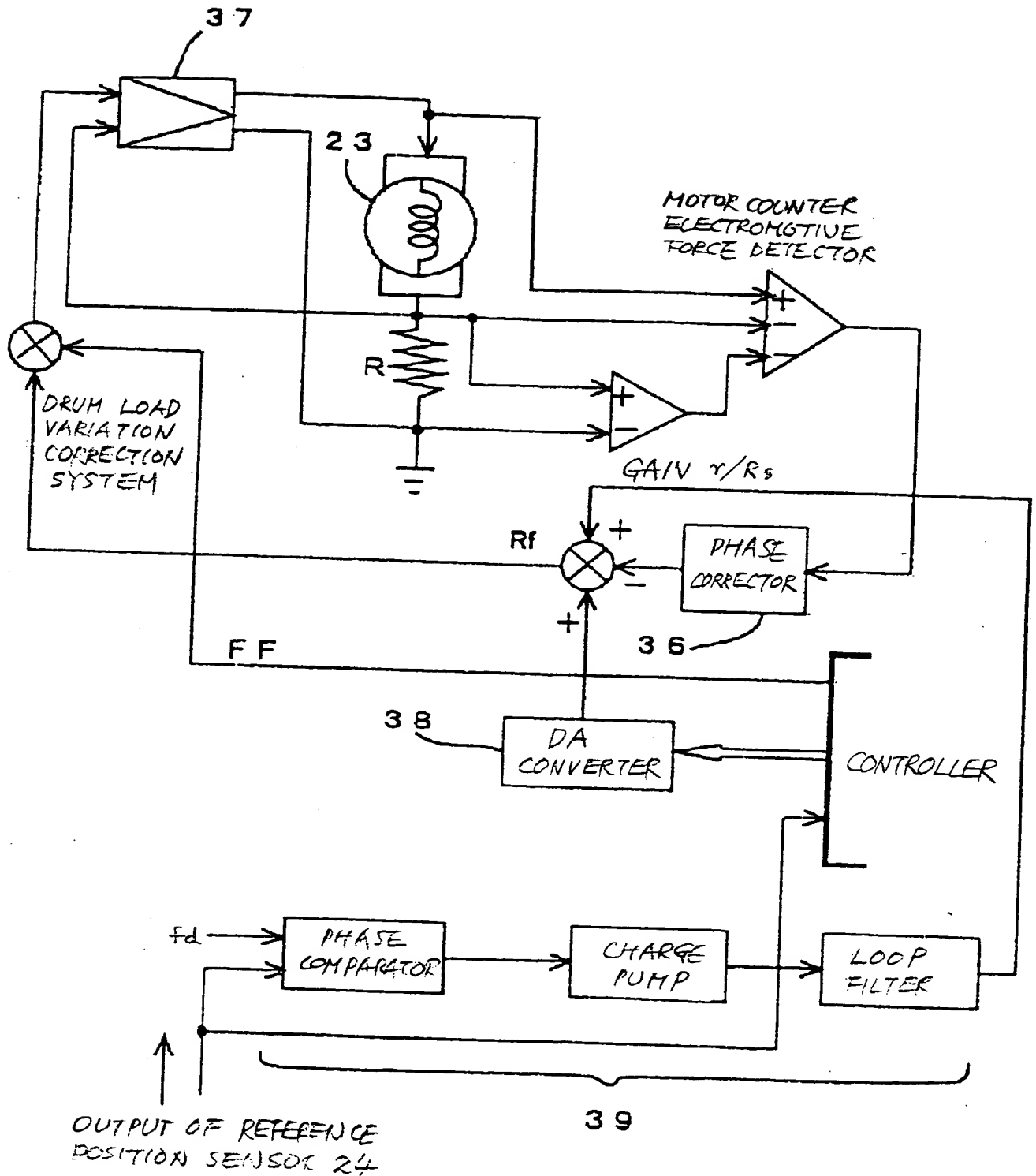


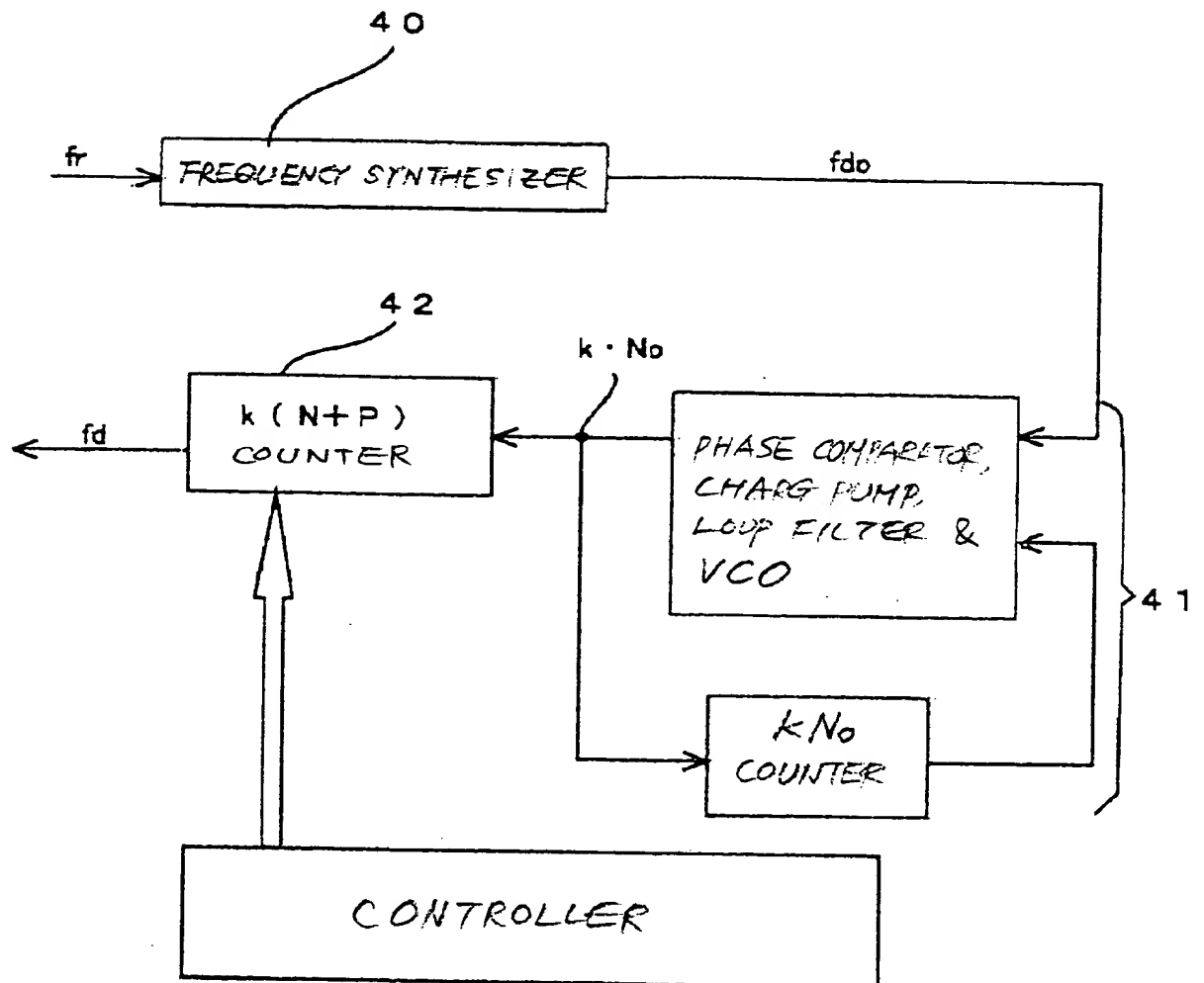
FIG. 10

FIG. 11



09985741-1.10601

FIG. 12



09985741.110501

FIG. 13

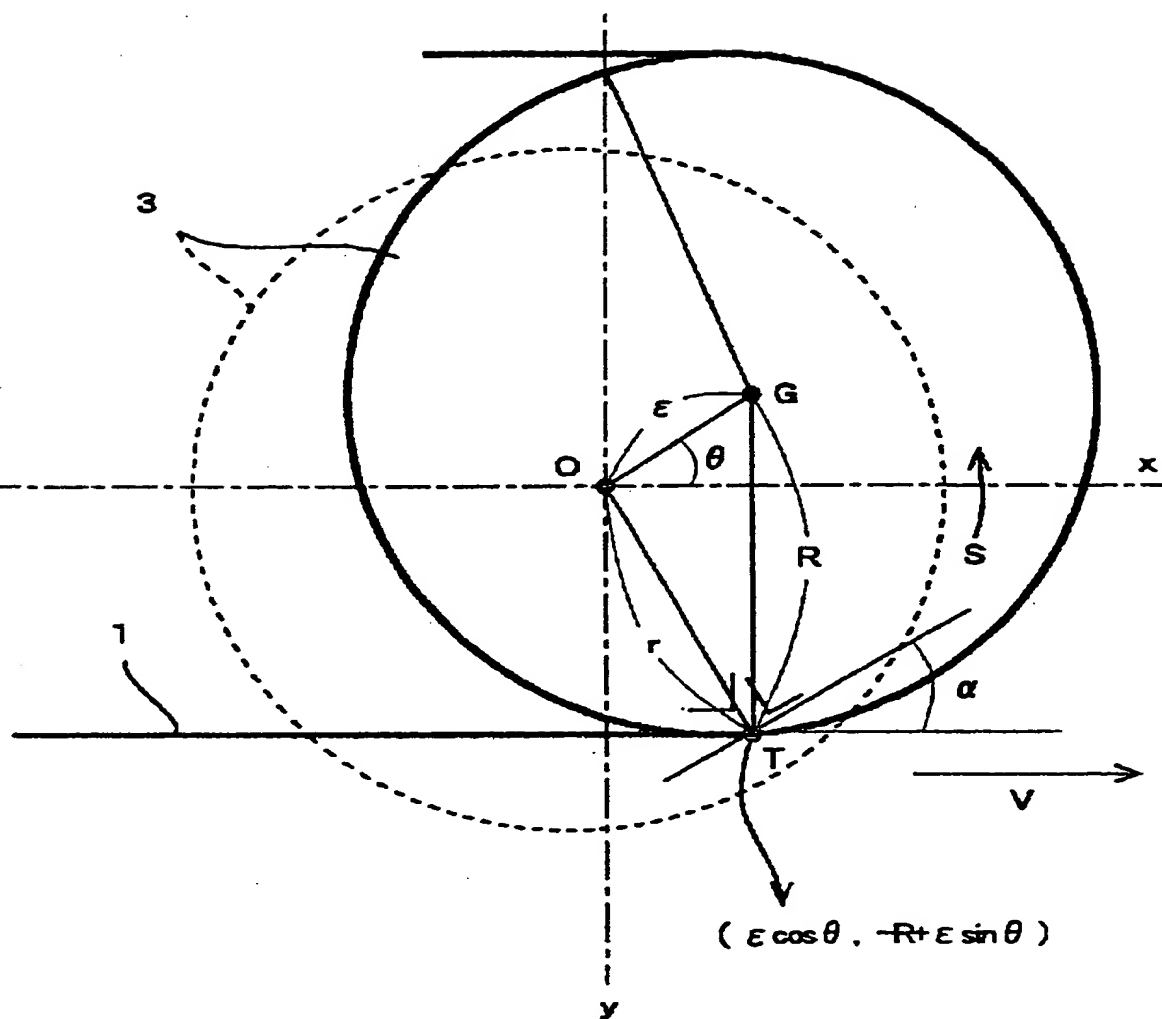


FIG. 14

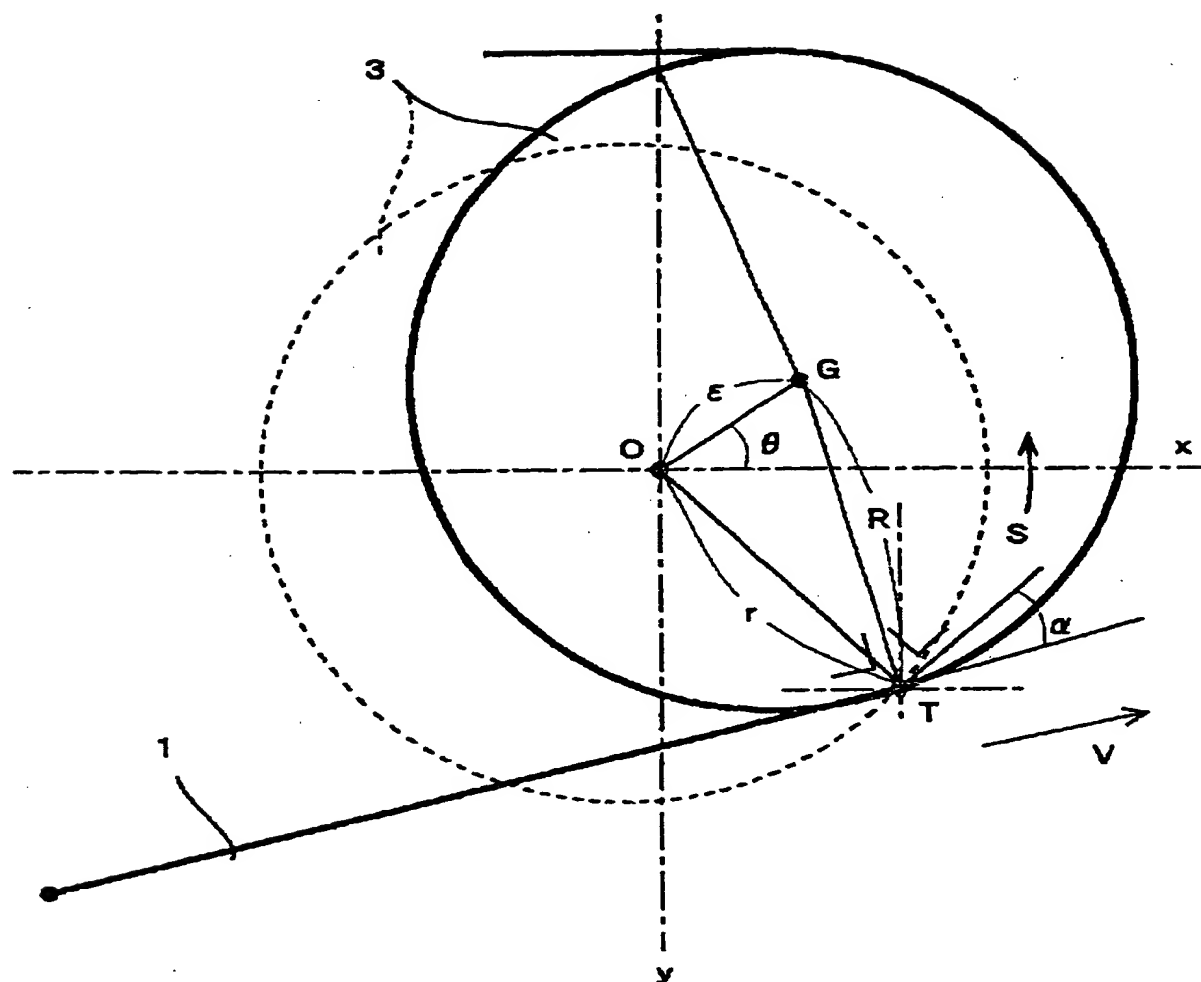


FIG. 14

FIG. 15

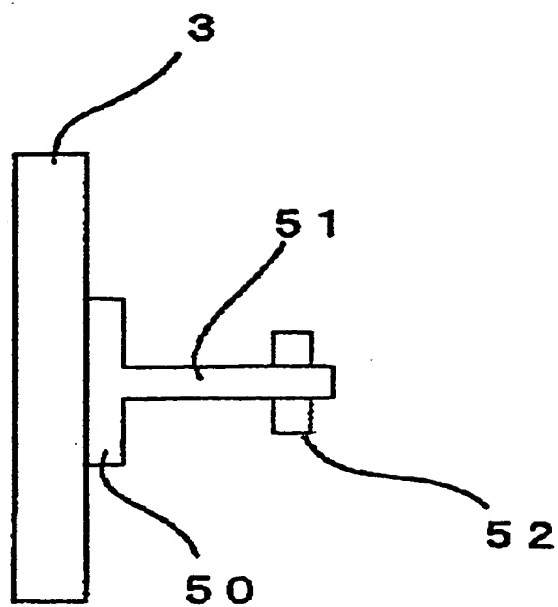


FIG. 16

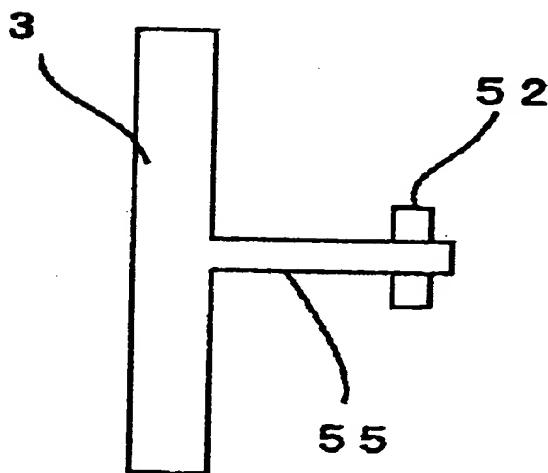


FIG. 17

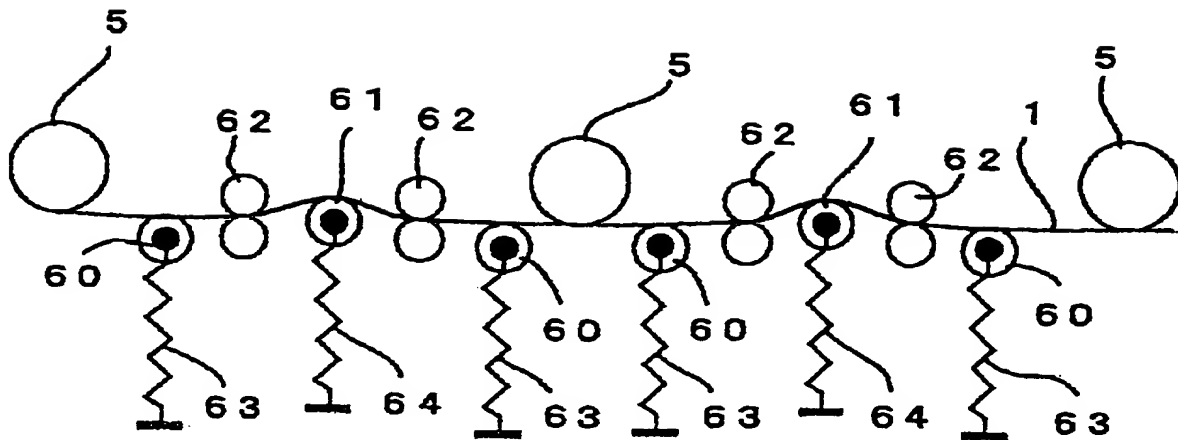


FIG. 18

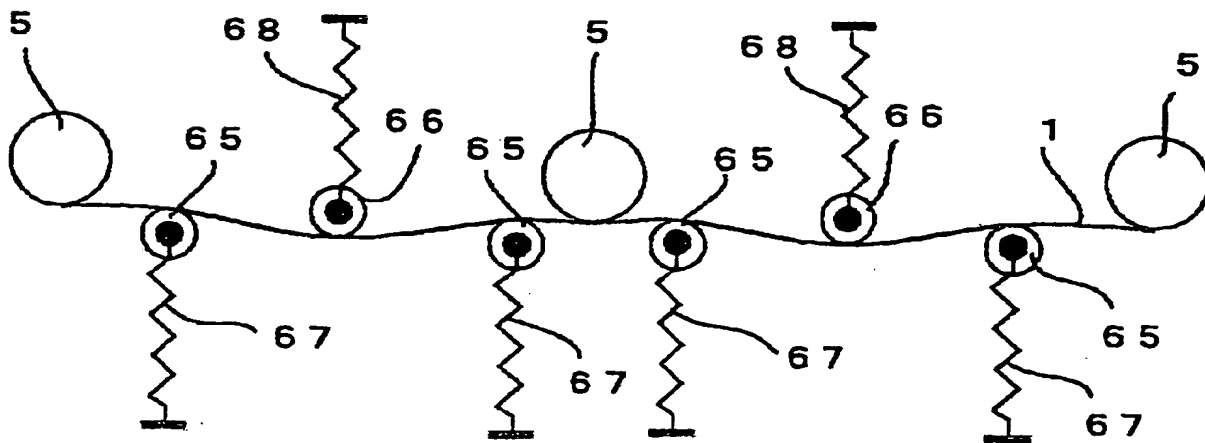


FIG. 19

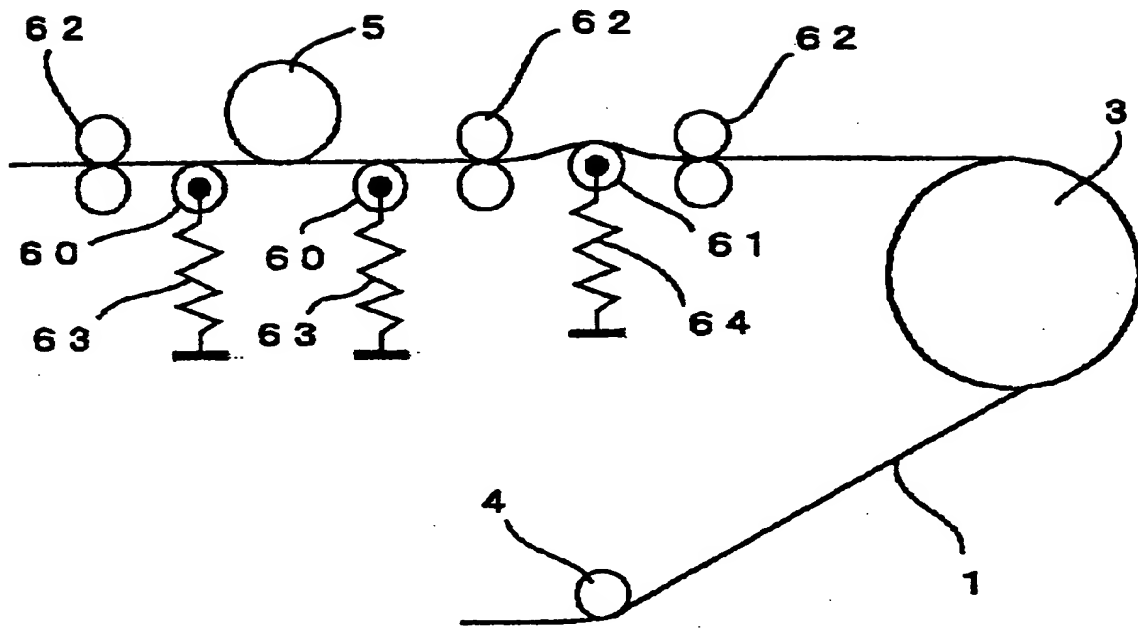


FIG. 20

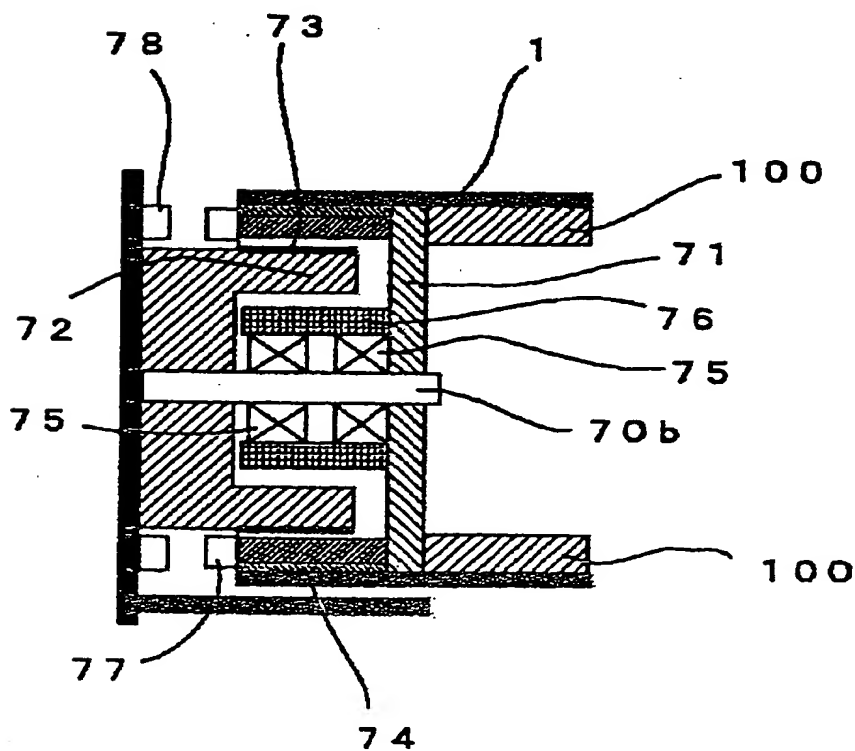


FIG. 21 PRIOR ART

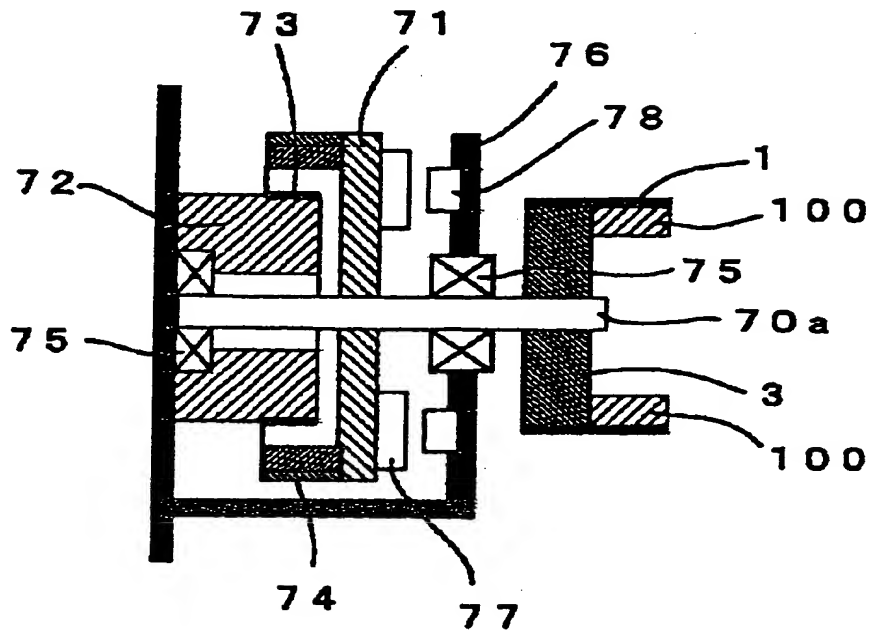


FIG. 22

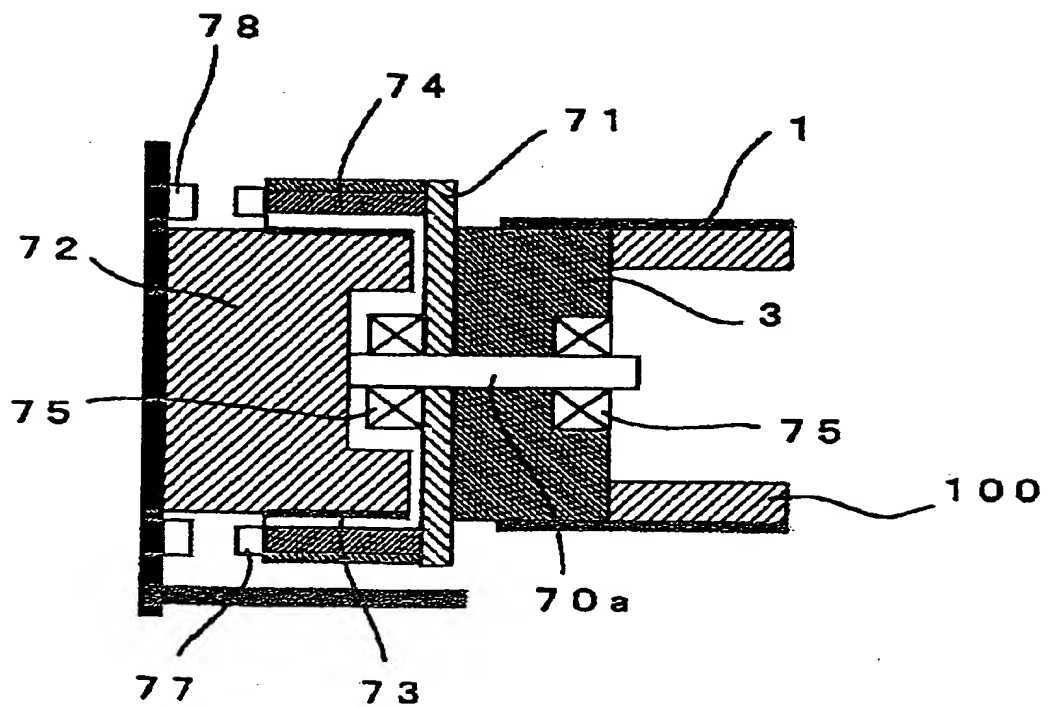


FIG. 23

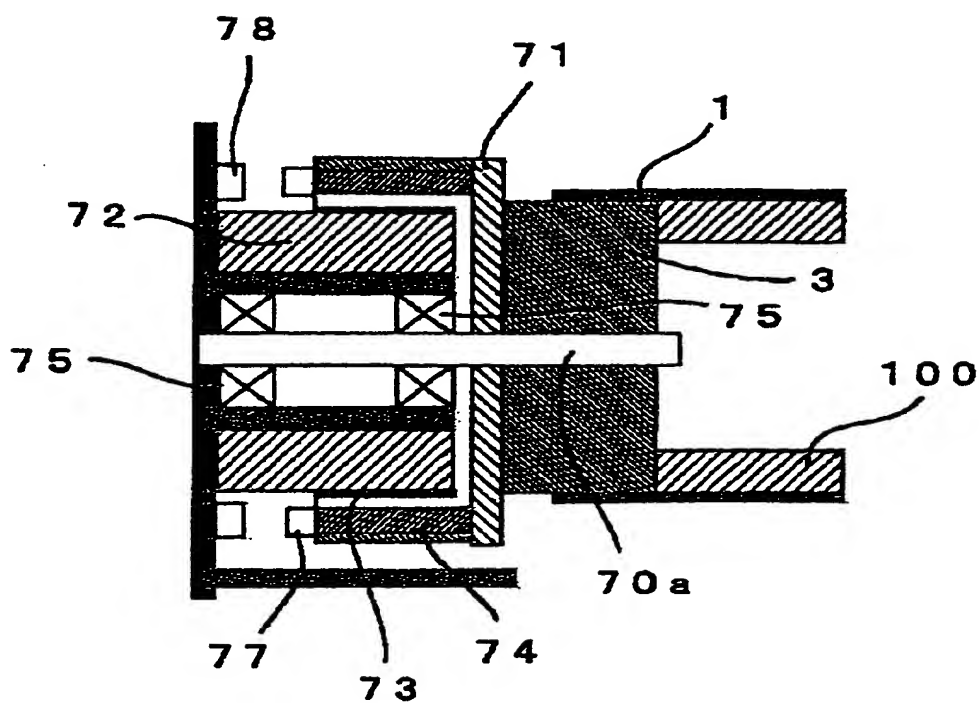


FIG. 24

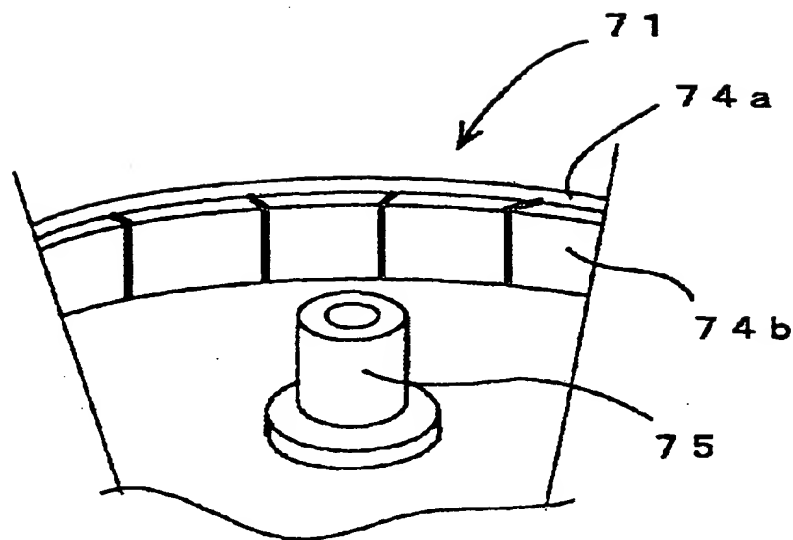


FIG. 25

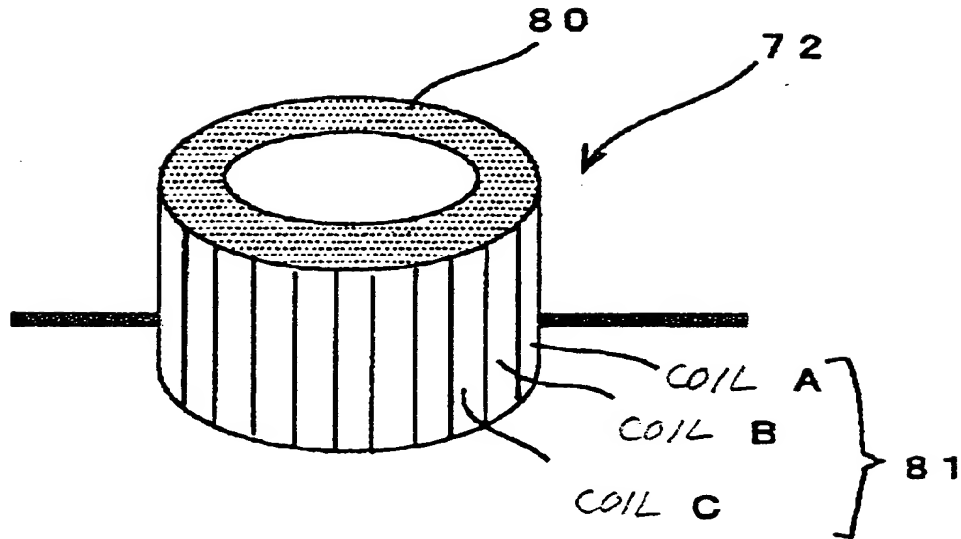


FIG. 26

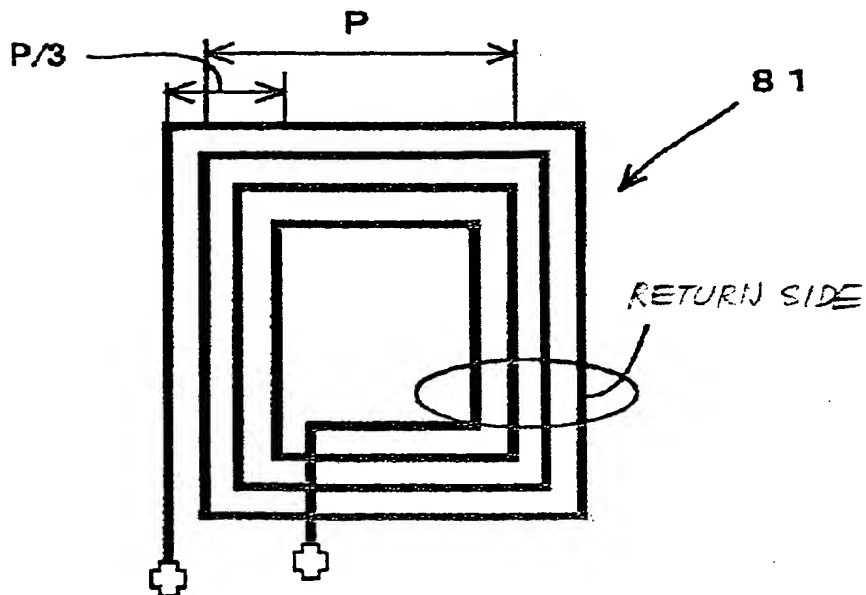


FIG. 27

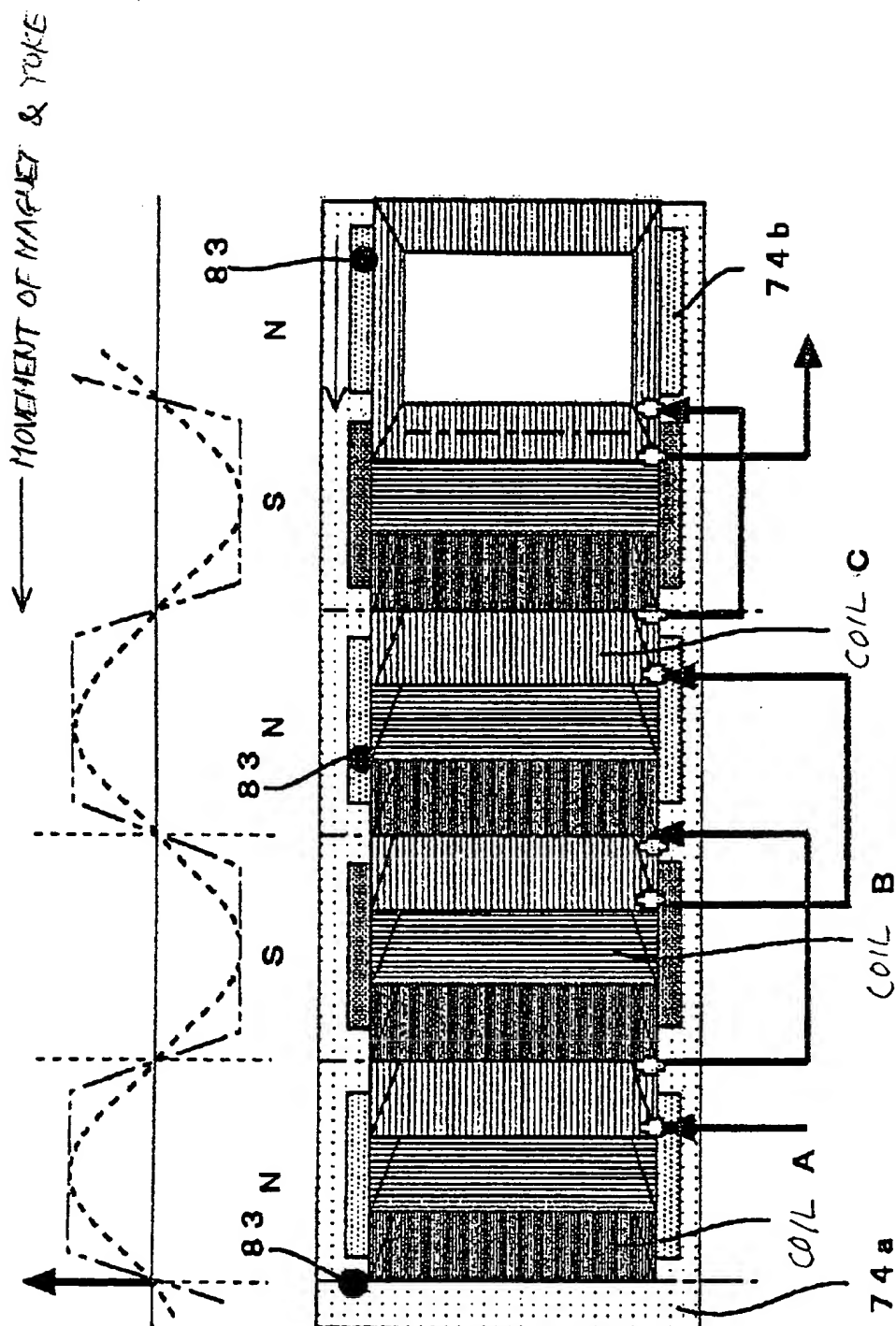


FIG. 28

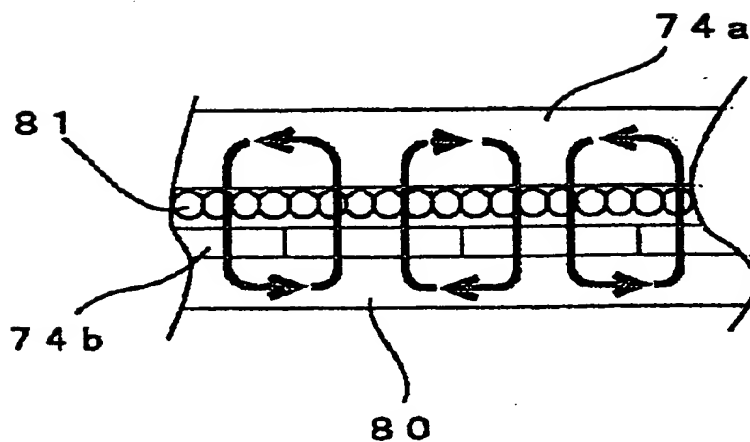


FIG. 29

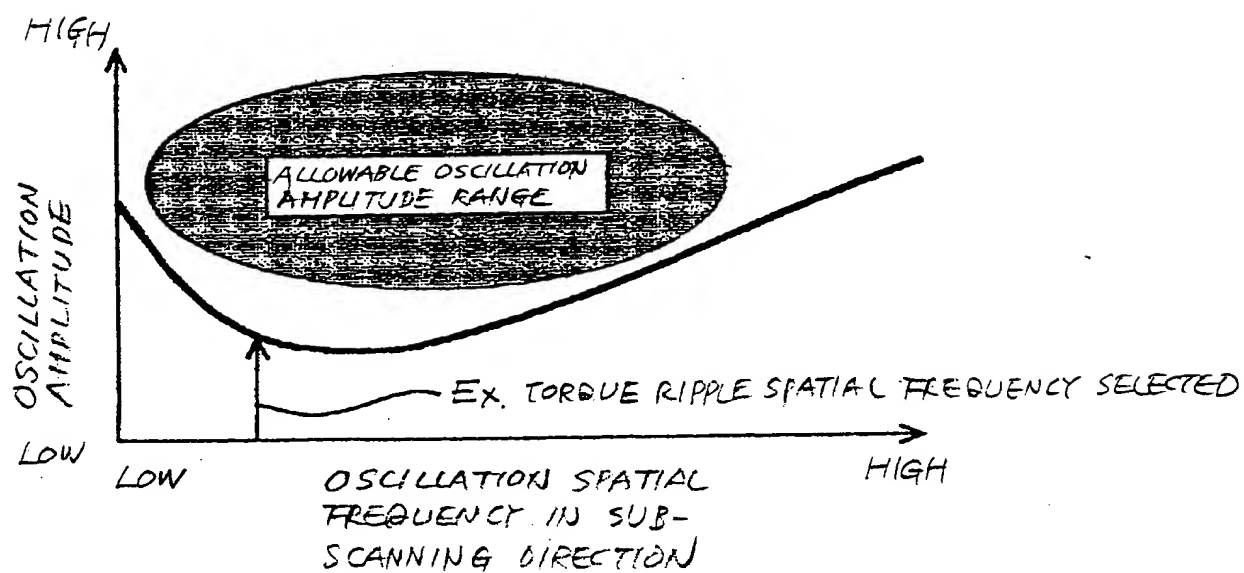


FIG. 30

RELATION BETWEEN COIL &
MAGNETIC FIELD

(← : CURRENT ON PERIOD)

MOVEMENT OF MAGNETIC FIELD ←

COIL A



COIL B



COIL C



TRIANGULAR WAVE SHOWS STRENGTH
OF MAGNETIC FIELD; POSITIVE SIDE
IS DIRECTION N

FIG. 31

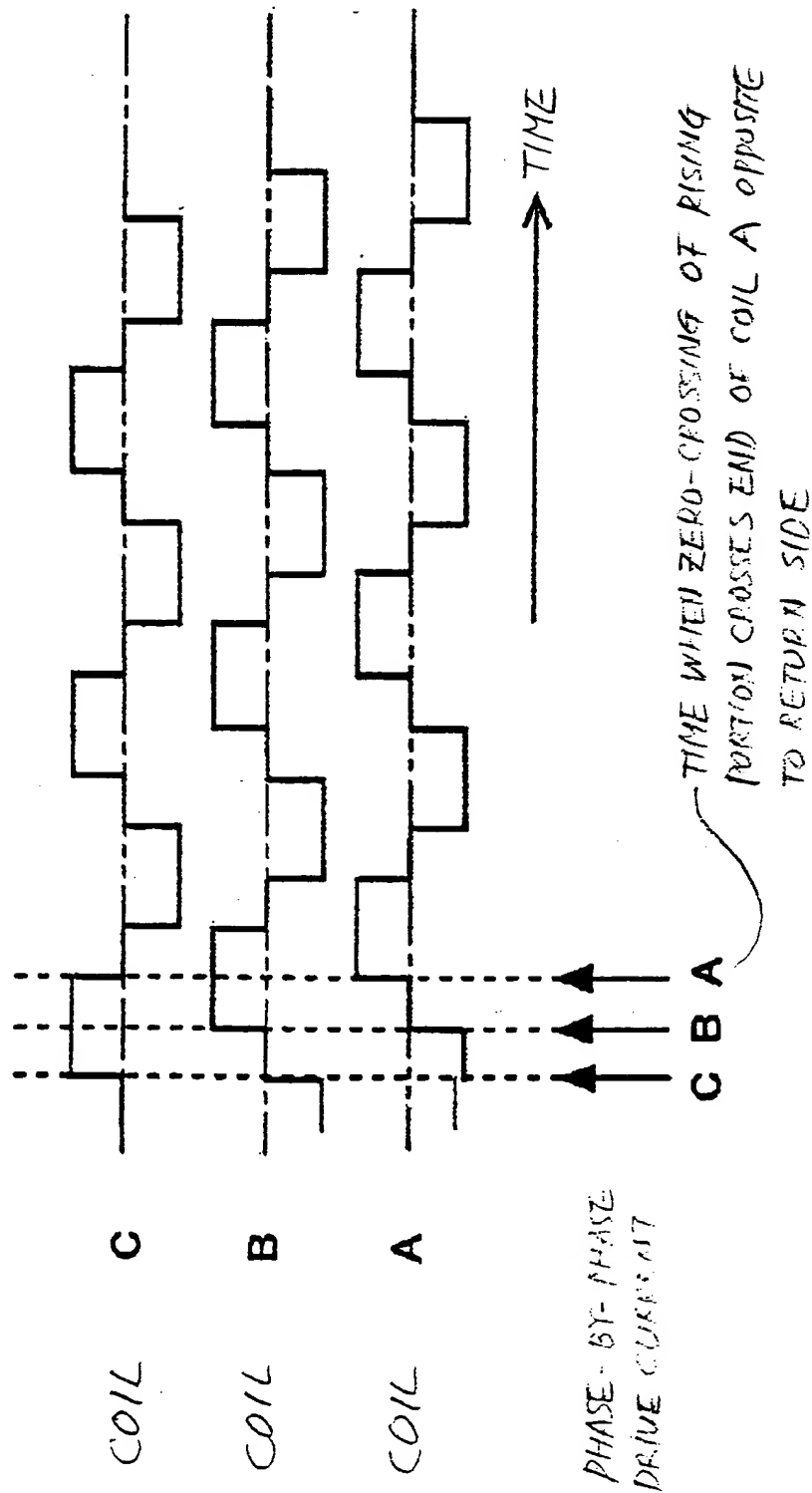


FIG. 32

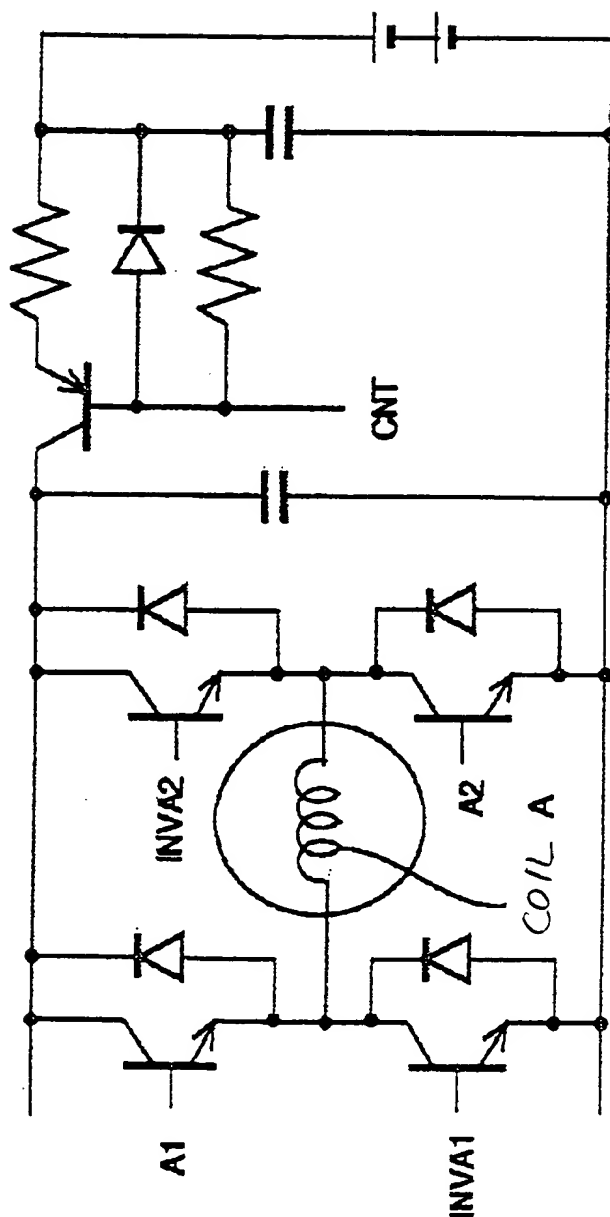


FIG. 33

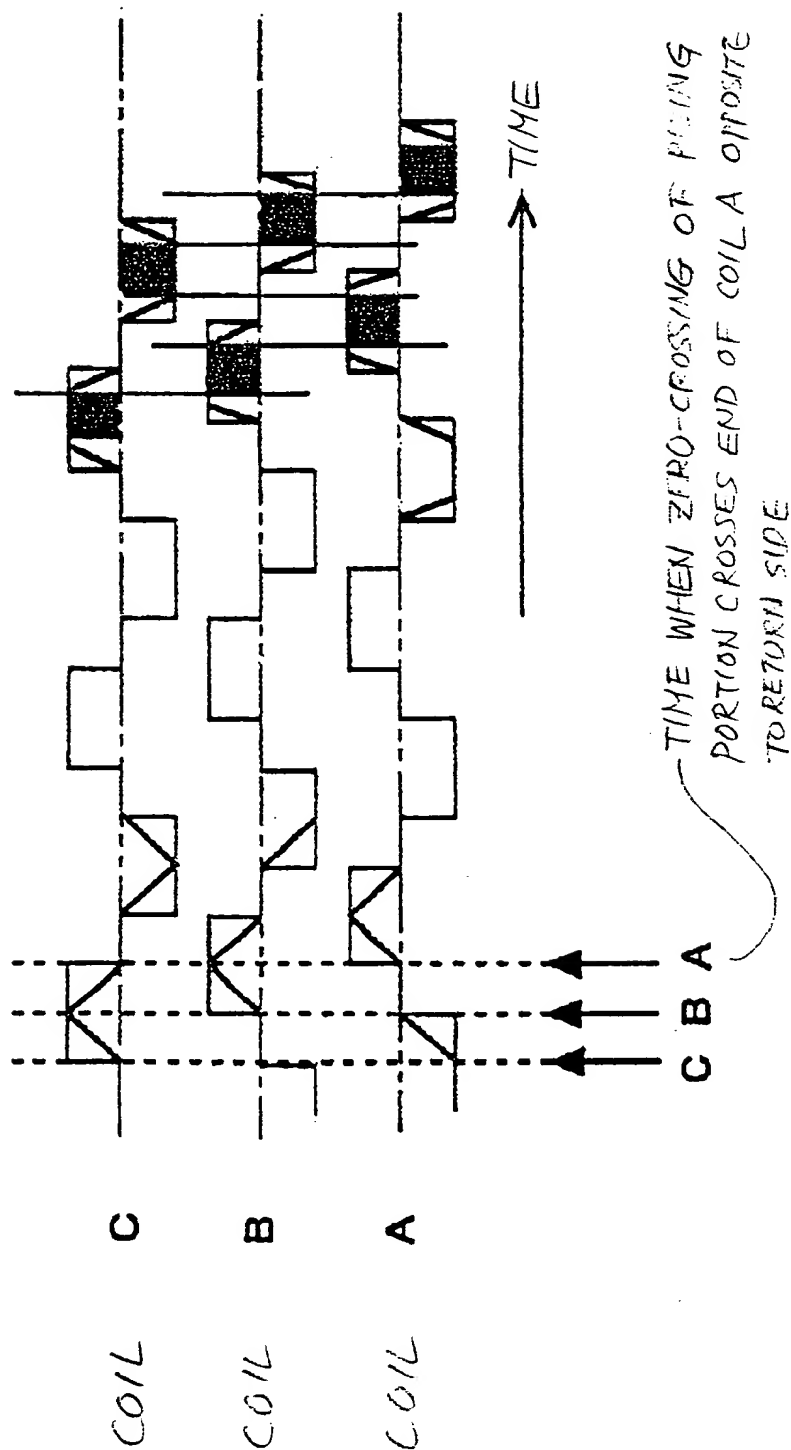


FIG. 34A

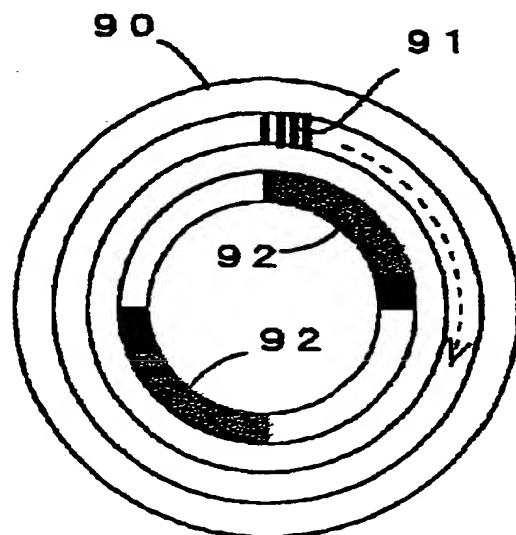


FIG. 34B

